

Mark R. Shanks
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3110 Fairview Park Drive
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Falls Church, VA 22042
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October 27, 2006

U.S. Patent and Trademark Office
Mail Stop Missing Parts
P.O. Box 1450
Alexandria, VA 22313-1450

Re: U.S. National Phase Appl. No. 10/567,681
Based on PCT/JP2004/011669
Filed: February 9, 2006
Inventors: MUKAIDA et al.
Your Ref. No.: 0701011US1
Our Ref. No.: 358275.20020

Sir:

Enclosed herewith are two compact discs containing duplicate copies of the sequence listing of the above-identified application in computer readable form.

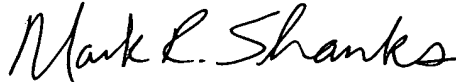
The compact disc is in IBM-PC machine format and compatible with MS-Windows operating system. The disc contains a single text document file that is 9 KB in size and named "0701011 W. 01. ST 25.TXT".

The sequence listing information recorded in computer readable form on the enclosed discs is identical to the written sequence listing included in the application.

It is respectfully requested that the attached compact discs be included in this application.

Respectfully submitted,

REED SMITH LLP



Mark R. Shanks
Reg. No. 33,781

MRS:sg

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

MUKAIDA, et al.

Serial No.: 10/567,681

Filed: February 9, 2006

For: Polypeptide Specific to Liver Cancer,
Polynucleotide Coding for the Polypeptide, and
RNA Molecule Inhibiting Expression of the
Polypeptide

Art Unit: To Be Assigned

Examiner: To Be Assigned

Atty. Docket: 358275.20020

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS
UNDER 35 U.S.C. 371 IN THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)**

Mail Stop Missing Parts
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir/Madam:

In response to the communication of August 28, 2006, Applicants submit herewith: (1) a Declaration/Power of Attorney; (2) the required fee of \$130.00; (3) an English translation of the application including the paper copy of the sequence listing; (4) the required fee of \$130.00; (5) a copy of the sequence listing in a computer readable form (in duplicate); and (6) a copy of the Notice of Missing Requirements. Additionally, Applicants are submitting herewith a Preliminary Amendment and Information Disclosure Statement.

Please associate the enclosed documents with the above-identified application.

If there are any other fees due in connection with the filing of this response, please charge the fees to our Deposit Account No. 50-0622. If a fee is required

for an extension of time under 37 C.F.R. § 1.136 not accounted for above, such an extension is requested and the fee should also be charged to our Deposit Account.

Respectfully submitted,

REED SMITH, LLP

Date: 10/27/06

By: Mark R. Shanks
Mark R. Shanks
Reg. No. 33,781

3110 Fairview Park Drive
Suite 1400
Falls Church, VA 22042
(703) 641-4200

32256
PATENT TRADEMARK OFFICE

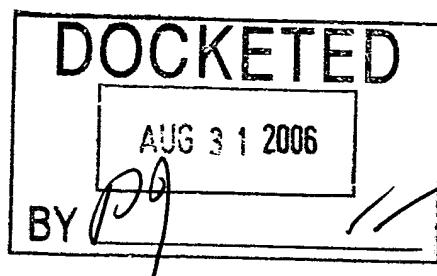


UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/567,681	Kunitaka Rose	358275.20016

32256
 REED SMITH LLP
 1301 K STREET, N.W.
 SUITE 1100 EAST TOWER
 WASHINGTON, DC 20005



INTERNATIONAL APPLICATION NO.	
PCT/JP04/11669	
I.A. FILING DATE	PRIORITY DATE
08/06/2004	08/11/2003

CONFIRMATION NO. 2886
 371 FORMALITIES LETTER

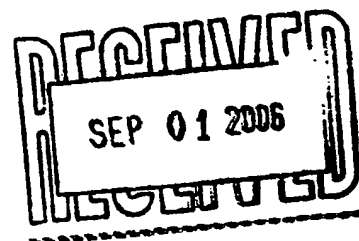
 OC000000020208543

Date Mailed: 08/28/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 02/09/2006
- Copy of the International Search Report filed on 02/09/2006
- U.S. Basic National Fees filed on 02/09/2006
- Priority Documents filed on 02/09/2006



The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Translation of the application into English. Note a processing fee will be required if submitted later than 30 months from the priority date.
- Processing fee of \$130 for providing the translation of the application and/or the Annexes later than 30 months from the priority date (37 CFR 1.492(i)).
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$260** for a Large Entity:

- \$130 Surcharge.
- \$130 for English translation surcharge required.
- This application clearly fails to comply with the requirements of 37 CFR. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", **as well as an amendment specifically directing its entry into the application.** Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

11/03/2006 ATRAN1 00000099 10567681

02 FC:1618

130.00 OP

VONDA M WALLACE

Telephone: (703) 308-9140 EXT 225

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/567,681	PCT/JP04/11669	358275.20016

FORM PCT/DO/EO/905 (371 Formalities Notice)

ReedSmith



IAP13 Rec'd PCT/PTO 27 OCT 2006

\$ pcr

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3110 Fairview Park Drive
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Falls Church, VA 22042
703-641-4200
Fax 703-641-4340

October 27, 2006

U.S. Patent and Trademark Office
Mail Stop Missing Parts
P.O. Box 1450
Alexandria, VA 22313-1450

Re: U.S. National Phase Appl. No. 10/567,681
Based on PCT/JP2004/011669
Filed: February 9, 2006
Inventors: MUKAIDA et al.
Your Ref. No.: 0701011US1
Our Ref. No.: 358275.20020

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Response to Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US);
2. English Translation of Application Including Sequence Listing and Figures 1 through 10;
3. Combined Declaration and Power of Attorney;
4. Compact Discs Containing Sequence Listing in Computer Readable Form and Transmittal Letter Therefore;
5. Preliminary Amendment;
6. Copy of the Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US);
7. Information Disclosure Statement;
8. Check No. 118269 in the amount of \$40.00 (Assignment Recordation);
9. Check No. 118270 in the amount of \$260.00 (\$130 surcharge and \$130 fee for Missing Requirements);
10. One return postcard.

11/03/2006 ATRANI 00000099 10567681
01 FC:1617 130.00 OP

The PTO did not receive the following
listed item(s) No Check \$1400
and Assignment document.

LONDON • NEW YORK • LOS ANGELES • SAN FRANCISCO • WASHINGTON, D.C. • PHILADELPHIA • PITTSBURGH • OAKLAND
MUNICH • PRINCETON • FALLS CHURCH • WILMINGTON • NEWARK • MIDLANDS, U.K. • CENTURY CITY • RICHMOND • LEESBURG

reedsmith.com

FRXLIB-445478.1-MRSHANKS 10/27/06 4:56 PM

Commissioner of Patents & Trademarks
October 27, 2006
Page 2

ReedSmith

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier.

Respectfully submitted,

REED SMITH LLP

A handwritten signature in black ink that reads "Mark R. Shanks". The signature is written in a cursive, flowing style.

Mark R. Shanks
Reg. No. 33,781

MRS:sg
Encl.